



Shawn Lee
Manager

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February 22, 2017

US Environmental Protection Agency
William Jefferson Clinton Building
Office of Federal Activities
International Compliance and Assurance Division (2254A)
Room 6144
1200 Pennsylvania Avenue, N.W.
Washington, DC, 20460

2016 U.S. EPA Annual Export Report
Chevron U.S.A. Inc., EPA ID No. CAD009114919

Dear Sir or Madam,

As per the requirements set forth in 40 CFR 262.56, 262.87(a) the following information will summarize the export of hazardous waste activities from January 1, 2015 to December 31, 2016.

Exporter Site Address:	EPA ID Number: CAD009114919 841 Chevron Way Richmond, CA, 94801-0627
Exporter Mailing Address:	Chevron Products Company P.O. Box 1272 Richmond, CA 94802-0272
Consignee Site Address:	US EPA ID Number: NC0000003546 Environmental Canada ID Number: PS13075(02) Envirogreen Technologies Ltd. LELA Lot 401, Similco Mine Site Princeton, B.C., Canada, V0X 1W0
EPA Notice Number(s):	012001/5E/15 and 014383/6E/16
Transporter(s):	Clean Harbors Environmental Services, Inc., MAD 039322250 Union Pacific Railroad, NED 001792910 Burlington Northern Santa Fe Railroad, MND 048341788 Southern Railroad of BC (Canadian only, no EPA ID) Richmond Pacific Railroad Co. CAD 980673560

received
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Arrow Transportation System (Canadian only, no EPA ID)
Remedial Transportation Services Inc CAR 000181560

Hazardous Wastes Exported:

1. Petroleum Refinery Primary Oil/Water/Solids Separation Sludge.

EPA waste number: F037

Waste Environmentally Hazardous Substance, Solid, N.O.S. (F037), 9, UN3077, PG III

Shipments: 26

Total: 647,276 Pounds

2. Clarified Slurry Oil Tank Sediment and/or in-line Filter/Separation Solids from Petroleum Refining Operations.

EPA waste number: K170

Waste Environmentally Hazardous Substance, SOLID, N.O.S. (K170), 9, UN3077, PGIII

Shipments: 55

Total: 1,862,710 Pounds

Waste minimization efforts for the waste streams on this report include reduction at the point of generation and processing to reduce the volume managed as a hazardous waste.

- The following are active waste minimization efforts to reduce the volume of sludge accumulated in the Refinery process sewer system and the API oil water separators: generator training that emphasizes the importance of housekeeping and minimization of solids getting into the effluent system, the diversion of clean storm water away from the oily water process sewers, and street sweeper operations to prevent clean soil from entering process sewers.
- Hydrocarbon contaminated sludge and tank bottoms are processed on site to separate the recoverable oil from the solids that are managed as a hazardous waste. The Primary oil/water/solids separation sludge (F037) and Heavy Cycle Oil (K170) were processed through a centrifuge operation to recover free hydrocarbon prior to management as a listed hazardous waste.

The number of tanks scheduled for cleaning and the product stored in the tank has a significant impact on the volume of sludge generated during any given year. The Clarified Slurry Oil Tank Sediment (K170) information reported for 2016 includes heavy cycle oil tank bottoms. The

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Primary oil/water/solids separation sludge (F037) information reported for 2016 includes sludge from the Refinery's oxidation ponds and process sewer system as well as processed and unprocessed sludge from tank bottoms and the refinery's API water treatment separators.

Please note that some of the Clarified Slurry Oil Tank Sediment (K170) included in this report was shipped in November and December 2015 but was not received in Canada until January and February 2016, hence its inclusion in this year's report.

If you have any questions regarding this information, please contact Ms. Lisa Duncan at (510) 242-5610.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Sincerely,

A handwritten signature in blue ink, appearing to read "Shawn Lee".

Shawn Lee

CC: Import/Export Coordinator
Department of Toxic Substances Control, Hazardous Waste Management Program
San Diego Regional Office
2375 Northside Dr., Suite 100
San Diego, CA 92108



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Route EPA

To: Enforcement Compliance Assurance

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Department: 2254A